MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1930

J. A. BROWN, DIRECTOR

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JUL 21 1930
WEATHER BUREAU

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APRIL 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	61.3	61.1	60.0	60.7	19.8	12.6	16.8	18.3	15.2	16.8
2	59.2	59.1	57.4	58.6	20.7	13.3	14.6	20.3	14.8	16.6
3	8.5	7.2	8.4	8.0	21.0	13.3	17.4	20.1	12.2	16.6
4	8.6	9.0	6.2	7.9	18.0	11.4	15.0	17.2	14.2	15.5
5	63.4	61.6	65.2	63.4	20.6	12.2	16.9	19.0	15.9	17.3
6	65.6	65.4	65.3	65.4	20.7	12.3	18.2	19.7	16.4	18.1
7	2.7	1.1	0.6	1.5	22.1	12.3	18.3	21.0	19.8	19.7
8	59.8	59.1	59.2	59.4	27.3	16.7	24.7	26.6	20.2	23.8
9	7.7	5.8	4.9	6.1	26.4	17.8	23.4	23.2	21.1	22.6
10	3.2	6.1	8.2	5.8	31.0	17.8	27.0	23.3	18.1	22.8
11	59.4	59.6	61.0	60.0	22.6	15.6	19.3	21.5	16.7	19.2
12	63.2	62.0	2.3	2.5	21.8	14.5	19.3	20.9	16.0	18.7
13	1.8	1.9	2.9	2.2	21.3	14.2	18.3	20.6	15.8	18.2
14	3.3	2.8	2.5	2.9	21.4	13.8	18.7	20.2	17.1	18.7
15	0.0	0.0	59.1	59.7	25.4	15.9	19.1	19.1	25.3	21.2
16	60.0	59.2	59.6	59.8	26.6	18.6	24.4	23.8	19.4	22.5
17	58.8	7.6	6.8	7.7	24.4	16.7	21.4	23.4	19.6	21.5
18	5.9	4.6	3.0	4.5	24.4	16.7	20.5	23.4	19.5	21.1
19	47.6	47.2	1.0	48.9	29.2	19.2	24.6	23.9	18.7	22.4
20	56.8	58.0	6.9	57.2	29.2	19.6	20.3	20.6	19.9	20.3
21	60.6	59.7	59.3	59.9	22.1	13.8	19.1	21.4	18.9	19.8
22	58.4	7.2	6.2	7.3	23.9	15.1	21.1	22.9	19.4	21.1
23	2.0	1.6	6.0	3.2	27.7	18.2	27.4	22.6	19.3	23.1
24	2.9	2.6	3.9	3.1	21.3	13.9	19.7	18.5	17.6	18.6
25	4.0	6.	8.2	6.3	20.9	14.6	16.8	19.7	17.6	18.0
26	58.6	59.0	58.9	58.8	23.1	16.1	18.3	21.8	19.3	19.8
27	8.8	9.2	9.3	9.1	23.2	15.0	19.6	22.8	16.9	19.8
28	9.4	9.8	60.4	9.9	22.9	14.6	19.1	22.4	17.8	19.8
29	61.1	61.1	1.6	61.3	26.3	15.6	21.0	24.5	19.3	21.6
30	2.3	2.6	3.6	2.8	29.0	18.4	24.7	27.8	23.2	25.2
	58.83	58.60	58.96	58.80	23.81	15.33	23.81	15.33	18.17	20.01

Barometer, Range for month 747.2-765.6 m.m.
,, 50-yr. average for month 760.04 m.m.
Thermometer, Range for month 11.°4-31.°0
, 50-yr. average for month 18°.90
Rain, total for month 50 94 m.m.
,, , 50-yr average for month 55.88m.m.
,, , total. Sept. 1st to end of month 687.89m.m.
', , 50-yr average, Sept 1st to end of month. 881.90mm.

APRIL 1930

METEOROLOGICAL REGISTER

	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	14.2	15.6	12.8	10.4	11.4	8.9	10.2	73	73	69	72	11.2	
2	13.3	16.7	13.6	10.6	11.8	10.8	11.1	85	66	86	79	7.2	2.42
3	15.1	17.6	12.0	11.3	13.3	10.3	11.6	76	76	97	83	6.6	7.62
4	13.7	14.8	13.1	10.8	11.0	10.6	10 8	86	76	87	83	3.2	9.07
5	15.6	16.7	14.2	12.3	12.5	11.1	12.0	86	77	83	82	11.2	6.40
6	15.6	17.3	15.3	11.5	13.0	12.2	12.2	74	76	87	79	11.0	
7	17.2	18.6	16.7	13.8	14.2	12.0	13 3	88	77	70	78	6.8	
8	17.5	19.4	16.7	13.3	12.2	11.8	12.4	47	47	66	53	8.8	
9	18.3	20.1	18.2	12.3	15.1	13.5	13.6	57	72	73	67	11.2	
10	19.2	20.4	16.8	11.8	15.6	13.4	13.6	44	73	87	68	8.4	
11	16.7	17.8	14.9	12.3	12.7	11.5	12.2	74	66	81	74	10.5	
12	16.0	16.7	14.1	11.5	11.5	10.8	11.3	69	62	80	70	11.2	0.51
13	15.6	15.9	13.3	11.0	10.6	9.9	10.5	68	58	74	67	10.6	
14	15.8	16.8	15.4	11.5	11.6	12.0	11.7	72	69	83	75	11.4	
15	17.4	17.2	17.2	11.4	13.3	10.2	11.6	83	81	43	69	0.0	0.13
16	18.6	20.4	16.8	12.3	15.4	12.4	13.4	54	69	74	66	11.2	
17	19.0	20.3	17.8	14.5	15.4	13.9	14.6	76	72	82	77	9.6	
18	18.8	20.2	16.0	14.8	15.3	11.3	13.8	83	72	67	74	6.4	
19	19.3	20.0	16.1	13.1	14.6	11.9	13.2	57	66	74	66	5.6	1.42
20	17.6	16.7	16.6	13.1	11.6	11.8	12.2	74	64	68	69	10.2	
21	15.8	17.3	14.4	11.3	12.0	9.7	11.0	69	63	60	64	12.2	
22	15.9	19.6	18.3	10.1	14.6	14.8	13.2	52	70	88	70	7.0	
23	16.7	17.4	18.0	8.9	11.7	14.4	11.7	35	57	86	59	0.0	
24	17.0	17.2	16.4	12.6	13.6	13.0	13.1	74	86	87	82	4.6	8.89
25	16.3	18.0	16.9	13.5	14.1	13.9	13.8	95	82	93	90	3.2	14.15
26	17.4	19.2	16.1	14.2	14.6	11.6	13.5	90	75	69	78	6.0	0.33
27	18.0	19.6	16.4	14.2	14.8	13.6	14.2	83	72	97	84	11.4	
28	17.3	19 6	17.2	13.4	14.8	14.2	14.1	82	73	93	83	11.8	
29	16.8	19 8	17.3	11.6	14.0	13.3	13,0	64	63	80	69	11.6	
30	19.3	21.8	17.4	13.9	15.4	11.3	13.5	60	57	54	57	9.6	
	16.82	18.29	15 87	12 24	13.39	12 00	12.55	71.0	69 6	77.9	72.9	8.32	1.70

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

APRIL 1930

METEOROLOGICAL REGISTER

Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
8:30	14:30	20·30	Mean	8:30	14:30	20:30	Km.		
6cicu	2stcu	0	2.7	1sw	0	1s	85.3	v.light	
8nicu	2cicu	0	3.3	2s	2sw	0	370.1	mod	
6ci	4ci	10ni	6.7	0	0	1s	159.9	light	
8nicu	6stcu	10ni	8.0	2s	1sw	1w	249.4	light	
8nicu	6strcu	3stcu	5.7	2s	3s	1sw	547.2	slight	
1cu	2ci	4ci	2.3	1sw	1sw	0	92.8	calm	lunar halo
2ci	10ci	6stcu	6.0	0	1sw	0	32.8	,,	haze
10ci	1ci	0	3.7	2sw	1sw	0	233.0	mod.	lunar halo
0	0	0	0.0	0	0	0	83.2	calm	
0	4ci	10ci	4.7	2sw	2sw	3w	687.6	slight	
3stcu	6stcu	6stcu	5.0	2w	2sw	2s	456.7	,,	
3stcu	2stcu	4stcu	3.0	2sw	2w	1sw	300.7	mod.	
6nicu	1cu	1cu	2.7	3s	2s	0	354.2	mod.	tr. rain
0	1cu	10ci	3.7	1sw	1sw	0	192.5	light	haze
10ci	10ni	10ni	10.0	2sw	2ne	1se	168.1	light	
0	0	0	0.0	1s	2sw	0	237.7	mod.	
0	0	0	0.0	0	0	0	69.2	calm	haze
10ci	8ci	0	6.0	0	1ne	0	72.1	calm	
8ci	10nicu	2cu	6.7	2ne	1ne	1ne	144.8	light	haze in a.m.
2cu	1cu	0	1.0	3s	1sw	0	453.5	mod.	haze
0	0	0	0.0	2w	C	0	149.0	light	
6ci	4ci	0	3.3	0	1ne	0	49.3	calm	
10nicu	10nicu	10ni	10.0	1sw	3n	2n	300.7	mod	
10ni	8nicu	8nicu	8.7	2w	2w	3w	490.8	slight	
8nicu	8ni	4cuni	6.7	2sw	3s	2s	602.6	,,	
10ni	6nicu	0	5.3	3s	2s	1s	533.3	,,	
1cu	4stcu	0	1.7	3w	2sw	2sw	524.6	,,	
1cu	2cu	0	1.0	2w	2nw	0	416.0	mod.	
1cu	0	0	0.3	2sw	2sw	0	338.0	,,	
1ci	10ci	0	3.7	0	0	0	86.9	calm	
			4.06				282.75		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	7	10	5	0	7
14:30	1	4	0	0	4	12	2	1	6
20.30	1	1	0	1	5	3	3	0	16
Totals	2	6	0	1	16	25	10	1	29

Number of days with rain 10, fog 0, thunderstorms 0, gales 0
50-yr average number of days with rain during month 6.3